

EROSION PREVENTION & SEDIMENT CONTROL NOTES

1. The City of Greenville Construction Inspection Bureau shall be notified by the permit holder at (864) 467-8890 a minimum of 72 hours prior to beginning construction. A Pre-Construction Conference must be held for each construction site with an approved On-Site SWPPP prior to the implementation of construction activities.
2. Sediment and erosion control devices shall be installed and functioning prior to beginning any project earth disturbing activities.
3. All sediment and erosion controls shall be inspected until construction is complete, the site is permanently stabilized, and the Notice of Termination (NOT) is filed with SCDHEC.
4. All erosion control devices shall be properly maintained during all phases of construction until the completion of all construction activities and all disturbed areas have been permanently stabilized. Additional control devices may be required during construction in order to control erosion and/or offsite sedimentation. All temporary control devices shall be removed once construction is complete and the site is permanently stabilized.
5. All sediment and erosion control devices shall be inspected once every seven (7) calendar days. Damaged, ineffective, or incorrectly installed devices shall be repaired or replaced, as necessary, within 48 hours of identification.
6. All inspection records shall be documented in written form and catalogued in a record keeping binder for the project (SWPPP Book). The City may require electronic submission of weekly inspection records.
7. A rain gauge shall be installed at the project area, and cumulative precipitation depth shall be recorded with weekly inspection documentation. All rainfall events 0.5" and greater, as recorded onsite or by a weather station in reasonable proximity to the project, shall also be documented with the weekly inspection reports.
8. All erosion prevention and sediment control plans and inspection documentation (e.g., SWPPP Book, certification statements, inspection records, maintenance records, and rainfall data) shall be retained at the construction site or, if approved by the City, at a nearby location easily accessible during normal business hours, from the date of commencement of construction activities to the date that final stabilization is reached. All plans and documents shall be updated as required per SC NPDES General Permit SCR100000.
9. If existing BMPs need to be modified or if additional BMPs are necessary to comply with the requirements of this permit and/or SC's Water Quality Standards, implementation must be completed before the next storm event whenever practicable. If implementation before the next storm event is impracticable, the situation must be documented in the SWPPP and alternative BMPs must be implemented as soon as reasonably possible.
10. Stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than fourteen (14) days after work has ceased, except as stated below:
 - a. Where stabilization by the 14th day is precluded by snow cover or frozen ground conditions stabilization measures must be initiated as soon as practicable.
 - b. Where construction activity on a portion of the site is temporarily ceased and earth disturbing activities will be resumed within 14 days, temporary stabilization measures do not have to be initiated on that portion of the site.
11. The site shall be considered permanently stabilized when all surface disturbing activities are complete and either of the two following criteria is met:
 - a. A uniform (e.g., evenly disturbed, without large bare areas) perennial vegetative cover with a density of 70% of the native background vegetative cover for the area has been established on all unpaved areas and areas not covered by permanent structures, or

- b. Equivalent permanent stabilization measures (such as riprap, gabions, or geotextiles) have been employed.
12. A stabilized construction entrance shall be installed and maintained on the project site. Storm water inlet protection shall be provided for all inlets (upstream and downstream) within 50 ft. of the construction entrance or disturbance (on both sides of the public roadway).
13. All existing and new storm water structures, affected by this project, shall be inspected and maintained clean of accumulated demolition debris or sediments.
14. Disposal of all recovered sediments and construction debris shall be in accordance with all applicable City, State and Federal Regulations. No sediment or construction debris shall be flushed down the storm water system.
15. During the course of construction activities, erosion and sediment controls shall be used to prevent tracking of mud and/or sediment accumulation on public roadways (including street gutters), sediment laden runoff from entering into existing storm water system inlets or depositing on adjacent properties, and airborne dust migration off-site. The contractor shall daily remove mud/soil from pavement, by sweeping or vacuuming, as may be required.
16. To secure the project site, locate limits of construction, protect areas that are to remain undisturbed, and prevent migration of construction debris, orange construction fencing shall be installed around areas not requiring silt fencing. Any accumulation of construction debris on public roadways or adjacent properties shall be removed within 24 hours. Care shall be taken when installing construction fencing to not obscure oncoming traffic at intersections, adjacent driveways and the project construction entrance.
17. Provide silt fence and/or other control devices, as may be required, to control soil erosion during utility construction. All disturbed areas shall be cleaned, graded, and stabilized immediately after the utility installation.
18. Silt fence shall be installed along lines of equal elevation. Silt fencing shall be installed no closer than 5 feet downhill from the toe of any slope.
19. All Waters of the State (WoS), including wetlands, are to be flagged or otherwise clearly marked in the field. All WoS shall be clearly delineated on the erosion prevention and sediment control plans.
20. Project setback buffers shall be located a minimum of 30 ft. measured from the top of stream bank or edge of wetland, unless otherwise approved by the City Engineer. All setbacks shall be clearly delineated on the erosion prevention and sediment control plans.
21. A single row of silt fencing shall be installed along all setback buffers that meet the minimum requirements.
22. A double row of silt fencing shall be installed in all areas where a minimum setback buffer cannot be maintained between the disturbed area and the water body or wetland. Double row of silt fencing shall be placed no closer than 5 ft. downhill from the toe of any fill area and a minimum of 5 ft. spacing shall be maintained between silt fence rows. A minimum 5 ft. buffer should be maintained between the last row of silt fence and all water bodies and wetlands.
23. Stockpiles of useable or waste materials shall be surrounded by a row of silt fence at all times. Stockpiles that are undisturbed for more than fourteen (14) days shall have appropriate stabilization measures installed. Stockpiles shall be placed a minimum of 50 feet away from stormwater flows, stormwater inlet structures, drainage courses, adjacent property and public roadways.
24. Litter, construction debris, oils, fuels, building products with significant potential for impact (such as stockpiles of freshly treated lumber), and construction chemicals that could be exposed to storm water must be prevented from becoming a pollutant source in stormwater discharges.
25. Temporary diversion berms, ditches, or slope drains shall be provided for all slopes 3:1 or steeper and as otherwise needed during construction to protect areas from upslope runoff and/or to divert sediment laden water to appropriate traps or stable outlets.

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26. Slopes 3:1 or steeper and/or exceeding eight (8) vertical feet shall be stabilized with staked in place sod or synthetic/vegetative mats in addition to hydro seeding as soon as practical but no more than 7 calendar days after land disturbing activities on the slope have permanently or temporarily ceased
27. Cat track or surface roughening is required for all slopes 3:1 or steeper prior to seeding and laying of synthetic or vegetative mats. Cat tracking or surface roughening shall produce a surface with furrows running cross slope, parallel with slope contours, and perpendicular to surface runoff.
28. Portable toilet facilities shall not be located within 20 feet of any storm water structure and/or 50 feet of any water course, wetland area, stream, floodplain, or lake.
29. The following discharges are prohibited:
 - a. Wastewater from washout of concrete, unless managed by an appropriate control
 - b. Wastewater from washout and cleanout of stucco, paint, form release oils, curing compounds and other construction materials
 - c. Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance
 - d. Soaps or solvents used in vehicle and equipment washing during construction.
30. Minimize the discharge of pollutants from equipment and vehicle washing, wheel wash water, and other wash waters. Wash waters must be treated in a sediment basin or alternative control that provides equivalent treatment prior to discharge.
31. Minimize the discharge of pollutants from dewatering of trenches and excavated areas. These discharges are to be routed through appropriate BMPs (sediment basin, filter bag, etc.).
32. Residential subdivisions require erosion control features for infrastructure as well as for individual lot construction. Individual property owners shall follow these plans during construction or provide an individual plan in accordance with S.C. Reg. 72-300 et seq. and SCR100000.
33. Properly signed and sealed as-built drawings of the stormwater plan and a signed and sealed detention basin as-built shall be submitted to the City within 30 days of permanent stabilization and prior to issuance of project acceptance by the City.